



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

006700

646.4001
Job Sheet 185750



3
✓

Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/1/18

Job Tracking No:

Due Date: 12/14/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	12/14/18	12/14/18	0.00	0.00	Start Up Stores/Pkg-1		NOV 28 2018 DEC 12 2018
110	Packaging	1 pcs	12/14/18	12/14/18	0.00	0.00	Packaging1-1		DEC 12 2018
120	QC	1 pcs	12/14/18	12/14/18	0.00	0.00	QC4		DEC 12 2018
130	Packaging	1 pcs	12/14/18	12/14/18	0.00	0.00	Packaging3-1		DEC 12 2018
135	DC	1 pcs	12/14/18	12/14/18	0.00	0.00	DC		DEC 12 2018
140	QC21-FG	1 Ea	12/14/18	12/14/18	0.00	0.00	QC21		DEC 12 2018

Part Op 130 - Identify and pack for shipping as per PPP 646.4001 Location: _____

Descriptions: 135 - Photocopy bluefile & type labels per PPP 646.4001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	5019004
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	5135806
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	5135809
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	5130299
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	5119441
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	5079498
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5125414
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	5117183
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	5091495
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5119224
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	5081641
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	5063686
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	5072241
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	5049669
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	5063766
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	5038797
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	5042029
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	5038824
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	5072442
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	5063780
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	5038801
646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation	5064802

10/10/19
Exp5/19

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Repacking ☐ Other ☐			
Date : _____		Step #: _____		MRB (QSI042) Approval			
Description Work Order				Completed By			
				Lead hand / Supervisor Approval Verification			
				QC / QA Coordinator Approval			
Root Cause Environment ☐ No Re-verification ☐ Design ☐ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☐ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐		Pre ☐ Ber ☐ Cen ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	
		OTHER : _____		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			

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www.dartaero.com



Container No: S137023



Part: 646.4001

Job No: 185750

Serial No/Batch: S137023

Revision: _____

Inspector: _____

Exp Date: 05/11/2019

Instructions: FAA STC SR02180LA 14/08/07/16 STC SH09 -

3

806 185750 806700

646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation
MS21042L08	Nut	2 Ea (2 ea)	90-Start up Operation
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation

5063754
5118287X1
3020843
5131076
5013258
5124377
5041250
5128109
5041498
5056998
5097192
5128424
5122789
5130302
5095479
5098032
5131193
5112901
5119258
5103950
5080637
5104032
5045478
5131214
5103962
5108575
F153848
F4134063
F124089
F123425
5100409
5094592
5109736
5103943
5065341
5004859
5118346
5099526
5016508
5071834
5006974
5104364
5131198
5094554
5104011
5131201
5075330
5123456
5107946

5131074x1

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	264	0
	600.0990	1	15	0
	600.0991	1	13	0
	600.1012	1	26	0
	600.1013	5	74	0
	646.2910	1	25	0
	646.3001	1	8	0
	646.3110	1	12	0
	646.3210	1	14	0
	646.3301	1	12	0
	646.3510	1	17	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

646.3511	1	22	0
646.3610	1	22	0
646.3710	1	48	0
646.3711	1	32	0
646.3712	1	20	0
646.3713	1	15	0
646.3714	1	21	0
646.3715	2	29	0
646.3716	1	38	0
646.3717	1	24	0
646.3718	2	40	0
646.3719	2	32	0
646.3810	2	19	0
646.3811	1	29	0
646.3812	2	14	0
646.3813	1	11	0
646.3910	4	35	0
646.3911	1	21	0
646.3912	4	32	0
646.3913	1	37	0
646.9410	1	99	0
647.0112	2	84	0
647.7703	2	16	0
650.9201	2	33	0
AN3-11A	10	155	0
AN3-12A	2	92	0
AN3-13A	1	97	0
AN3-3A	4	206	0
AN3-4A	10	366	0
AN3-5A	2	322	0
AN3-6A	2	196	0
AN316C4R	2	35	0
AN44-5A	2	29	0
AN4C7A	2	141	0
AN665-34R	2	27	0
CCR264SS3-02	36	599	0
CR3213-5-3	14	260	0
MS20426AD5-7	2	1,014	0
MS20470AD5-5.5	8	234	0
MS20470AD5-6	8	1,017	0
MS20470AD5-7	3	140	0
MS21042L08	2	1,956	0
MS21042L3	63	2,260	0
MS21042L4	2	3,367	0
MS21047-3	18	472	0
MS24693-C278	5	144	0
MS24694-S51	5	300	0
MS24694-S54	2	408	0
MS24694-S55	3	101	0
MS27039-08-13	2	80	0
MS27039-1-10	2	137	0
MS27039-1-12	6	85	0
MS27039-1-16	24	597	0
MS27039-1-19	22	351	0
MS27039-1-20	2	105	0
MS27039-1-21	4	114	0
NAS1149F0332P	144	2,061	0
NAS1149F0363P	2	562	0
NAS1149F0432P	4	1,422	0
NAS1149FN832P	4	2,779	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES, INC. DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE EXPLICIT WRITTEN PERMISSION OF APICAL INDUSTRIES, INC. DART AEROSPACE IS PROHIBITED.

NOTES:

1. AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.
2. INSTALL F/N 14 WITH F/N 52 & 53.
3. 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651.
4. 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.
5. REUSE FASTENERS FROM F/N 1.
6. USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.
7. AT CUSTOMER'S OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.
8. INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.
9. NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	AN304-11A
1	1	1	77	646.9410	SHIM	AN304-11A
	4	4	76	601.2764	WASHER	AN304-11A
	2	2	75	601.2973	LOCKNUT	AN304-11A
	2	2	74	601.2988	SCREW	AN304-11A
	2	2	73	601.2943	LOCKNUT	AN304-11A
	2	2	72	601.3128	NUT	AN304-11A
	2	2	71	601.3209	LOCKNUT	AN304-11A
	4	4	70	601.2638	WASHER	AN304-11A
	2	2	69	601.2669	BOLT	AN304-11A
	2	2	68	601.3119	CLEVIS	AN304-11A
	2	2	67	601.3121	EYE BOLT	AN304-11A
	2	2	66	650.9201	EYE BRACKET ASSY	AN304-11A
REF	REF	REF	65	647.5701	GPS MOUNT KIT	AN304-11A
	2	2	64	601.3151	WASHER	AN304-11A
	2	2	63	601.2911	SCREW	AN304-11A
	24	24	62	601.2637	SCREW	AN304-11A
2	2	2	61	601.2763	BOLT	AN304-11A
	1	1	60	646.3913	SHIM	AN304-11A
	4	4	59	646.3912	SHIM	AN304-11A
	1	1	58	646.3911	SHIM	AN304-11A
	4	4	57	646.3910	SHIM	AN304-11A
	5	5	56	600.1013	PRIMER	AN304-11A
	8 FT	8 FT	55	600.0129	VHB TAPE	AN304-11A
	1	1	54	600.1012	SEALANT	AN304-11A
	1	1	53	600.0991	MAGNOBOND 6398 PART B	AN304-11A
	1	1	52	600.0990	MAGNOBOND 6398 PART A	AN304-11A
6	10	10	51	601.2826	BOLT	AN304-11A
		2	50	646.3814	WIPER BRACKET	AN304-11A
		2	49	601.2910	SCREW	AN304-11A
	2	2	48	601.1365	SCREW	AN304-11A
	2	2	47	646.3719	DOUBLER	AN304-11A
	2	2	46	646.3718	CUSTOM WASHER	AN304-11A
	1	1	45	646.3717	DOUBLER	AN304-11A
	22	22	44	601.1946	SCREW	AN304-11A
	2	2	43	601.1952	SCREW	AN304-11A
	4	4	42	601.1956	SCREW	AN304-11A
4026	4023	4024	4022	4001	FIND #	PART #
DESCRIPTION	MATL	SPEC.				

REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 0219, 0221, 0221R & 0221S	03/06/2010	P. BRAVO
B	INCORPORATED ECN 0244, 0247R & 047S1	11/04/2014	P. BRAVO
C	INCORPORATED ECN 0208	06/05/2015	P. BRAVO

		2	2	41	601.2829	SCREW	MS24694554
		2	2	40	601.2831	RIVET	MS20426AD5-7
		1	1	39	646.3716	GAUGE BRACKET	
		6	6	38	601.1953	SCREW	MS27039-1-12
	2	2	2	37	646.3715	STRUT DOUBLER	
		2	2	36	601.2824	BOLT	AN304-11A
12	36		36	35	601.2277	RIVET	CCW2648-3-00
6	18		18	34	600.0795	NUTPLATE	MS21047-3
3	3		3	33	601.2565	RIVET	MS20470AD5-7
1	1		1	32	646.3813	STRUT BRACKET	
4	4		4	31	601.2822	BOLT	AN304-11A
2	2		2	30	646.3812	GUSSET BRACKET	
8	8		8	29	601.2564	RIVET	MS20470AD5-6
1	1		1	28	646.3714	GUSSET	
	1		1	27	646.3610	FILLER	
3	3		3	26	601.2830	SCREW	MS24694555
2	2		2	25	601.2825	BOLT	AN304-11A
1	1		1	24	646.3811	RADIUS BLOCK	
1	1		1	23	646.3712	CLIP	
1	1		1	22	646.3711	CLIP	
8	8		8	21	601.2832	RIVET	MS20490AD5-5.5
14	14		14	20	601.2020	RIVET	CR3213-5-3
4	6	4	6	19	601.2823	BOLT	AN304-11A
1	1		1	18	601.2827	BOLT	AN304-11A
5	5		5	17	601.2912	SCREW	MS24694551
1	1		1	16	646.3713	GUSSET	
1	1		1	15	646.3210	SUPPORT	
	1		1	14	646.3710	DOUBLER	
1	1		1	13	646.3110	CHANNEL	
14	10	8	53	6	601.1624	LOCKNUT	MS21047-3
16	32	18	120	16	646.1607	WASHER	MS21047-3
				10	646.3410	LH WIPER DEFLECTOR	
				9	646.3411	RH WIPER DEFLECTOR	
		2	2	8	647.7703	STRUT ASSY	
		2	2	7	647.0112	STRUT BRACKET	
	1	1	1	6	646.3511	STRUT	
	1	1	1	5	646.3510	STRUT	
2	2		2	4	646.3810	BRACKET	
		1	1	3	646.2910	DEFLECTOR	
	1	1	1	2	646.3001	LOWER CUTTER ASSY	
		1	1	1	646.3301	UPPER CUTTER ASSY	
X					646.4006	LOWER CUTTER FIXED PROVISIONS	
					646.4005	LOWER CUTTER REMOVABLE PROVISIONS	
					646.4004	FIXED PROVISIONS KIT	
					646.4003	CABLE CUTTERS KIT WITHOUT RYED PROVISIONS	
					646.4002	AS350 WIPER DEFLECTOR KIT	
					646.4001	AS350 CABLE CUTTERS KIT	
4006	4005	4004	4003	4002	4001	FIND #	PART #
DESCRIPTION	MATL	SPEC.					

QTY	NEXT ASSY (S)	ORIGINAL DATE (INC. DA. YR)	08-27-08
		DRAWN BY S. HUR	CHECKED BY P. BRAVO
		DRAWING APPROVAL P. BRAVO	
		CONTRACT NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.010 2 PLACE DECIMALS ±.005 ANGLES ±.5°	
DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760) 724-5900		AS350 CABLE CUTTERS KIT	
SET	GAGE CODE	DWG. NO.	REV.
8	07M66	646.4000	C
SCALE: NONE		SHEET 1 OF 5	